File: 5270 (65, B-3)

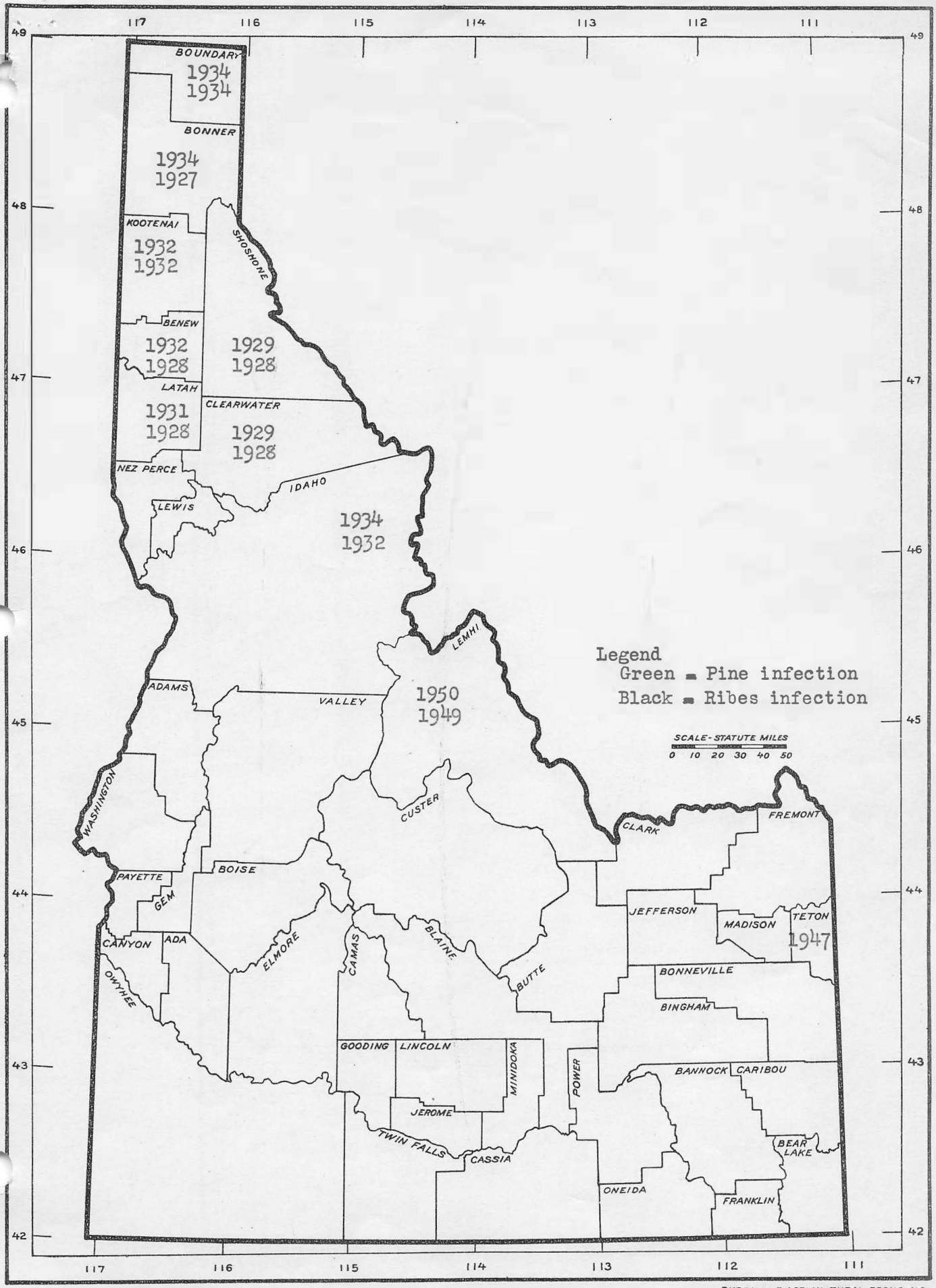
FIRST REPORTS OF WHITE PINE BLISTER RUST ON RIBES AND WHITE PINE -

IDAHO
MONTANA
WASHINGTON
WYOMING

HISTORICAL RECORDS

SAVE

IDAHO, 1933



U.S. DEPARTMENT OF AGRICULTURE

BUREAU OF AGRICULTURAL ECONOMICS

HISTORICAL DATA ON DISCOVERY OF BLISTER RUST
IN THE UNITED STATES

Name of State Idaho

First discovered on Pinus monticola

Junction of Deep & Elk Creek
3 mi. S at of Elk River in Clearwater County in T.39N., R.2E., S.14

by E. L. Joy of Bureau of Plant Industry 7/6/29
(U.S. Bur. or State office)

Specimen # _____ filed at _____
(Museum or University Herbarium)

First discovered on Ribes inerme (1)

Pine Creek, 7 miles north of
at Priest River in Bonner County in T.57N., R.5W., S.23

by S. Roberts
M. Edmunds of U. S. Bureau of Plant Industry on Sept. 30, 1927
(U.S. Bur. or State office)

Specimen # _____ filed at _____
(Museum or University Herbarium)

Probable year of oldest pine infection

in State _____, in _____ County

discovered _____ _____ _____ by _____
(Month) (Day) (Year)

_____.

Citation of first discovery of rust on pine or Ribes,
(Name of author, bulletin, paper, or book with volume, number and page, and date). (1) Western Blister Rust News Letter, later extracted in Blister Rust News, Volume 11, No. 11, Nov. 1927, pg.282 Data on Ribes infections from file 43.42, Division of Plant Disease Control entitled Blister Rust Infections in West, found Sept. 1-30, 1927

Authority 1929 Annual Report Blister Rust Control Work in Far West, pg. 160.

Data by Roy G. Pierce

Date 9/27/39

RIBES

IDAHO

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
Ada					
Adams					
Bannock					
Bear Lake					
Benewah	St. Joe NF, T44N, R1W, sec. 35	R. nigrum	1928	Whiting	
Bingham					
Blaine					
Boise					
Bonner	Priest Riv., T56N, R4W, sec. 6	R. inerme	1927	Robertson, Edmunds	
Bonneville					
Boundary	Soldier Cr., T60N, R3W, sec. 27	R. lac.; visc.	1934	Walters	
Butte					
Camas					
Canyon					
Caribou					
Cassia					
Clark					
Clearwater	E.Fk.Potlatch Cr., T41N, R2E, sec. 35	R. pet.	1928	Strong, Bell, Anderson	
Custer					
Elmore					
Franklin					
Fremont					
Gem					
Gooding					
Idaho	Lochsa Riv., T37N, R13E, secs. 26, 30	R. pet.; lac.	1932	Chapman	
Jefferson					
Jerome					
Kootenai	Burnt Cabin Cr., T51N, R1W, secs. 7, 18	R. iner.; lac.; vis	1932	Strong	
Latah	W.Fk.Potlatch Cr., T42N, R1E, sec. 32	R. pet.	1928	Miller, Joy	
Lemhi	Salmon Riv., T27N, R21E, sec. 14	R. pet.	1949	Chapman	
Lewis					
Lincoln					

RIBES

Idaho

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
L					
Madison					
Minidoka					
Nez Perce					
Oneida					
Owyhee					
Payette					
Power					
Shoshone	Merry Cr., T42N,R2E,sec. 4	R. pet.	1928	McLeod	Several infections in County 1928, all on R. petiolare
Teton	Trail Cr., T3N,R46E, sec. 26	R. pet.	1947	Gynn	East of Victor
Twin Falls					
Valley					
Washington					

WHITE PINE

IDAHO

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Probable Year Origin	Remarks
Ada						
Adams						
Bannock						
Bear Lake						
Benewah	Olson Cr., T43N, R1E, sec.16	P. mont.	1932	No record	1929	
Bingham						
Blaine						
Boise						on Kaniksu NF.
Bonner	Priest Riv., T58N, R5W, sec.1	P. mont.	1934	Strong, Walters	1927	Asso.w/R.pet. 1 of only 2 patches found
Bonneville						
Boundary	Soldier, Cr., T60N, R3W, sec.27	P. mont.	1934	Underwood	1927	
Butte						
Camas						
Canyon						
Caribou						
Cassia						
Clark						
Clearwater	Long Meadow Cr., T39N, R1E, sec. 14	P. mont.	1929	Pierson, Chapman	1923	Two other pine infections found same year.
Custer						
Elmore						
Franklin						
Fremont						
Gem						
Gooding						
Idaho	Lochsa Riv., T37N, R13E, secs. 26 & 35	P. mont.	1934	Joy, Chapman	1927	4 miles west of Powell R.S.
Jefferson						
Jerome						
Kootenai	Burnt Cabin Cr., T51N, R1W, secs. 7, 8, 18	P. mont.	1932	Strong	1923	
Latah	Ruby Cr., T40N, R1E, secs.15,18	P. mont.	1931	Joy, Myers	1923	
Lemhi	Head Salmon Riv., T27N, R21E, sec. 4	P. alb.	1950	Gynn, Chapman	1947	½ mile south of divide on Highway #93
Lewis						
Lincoln						

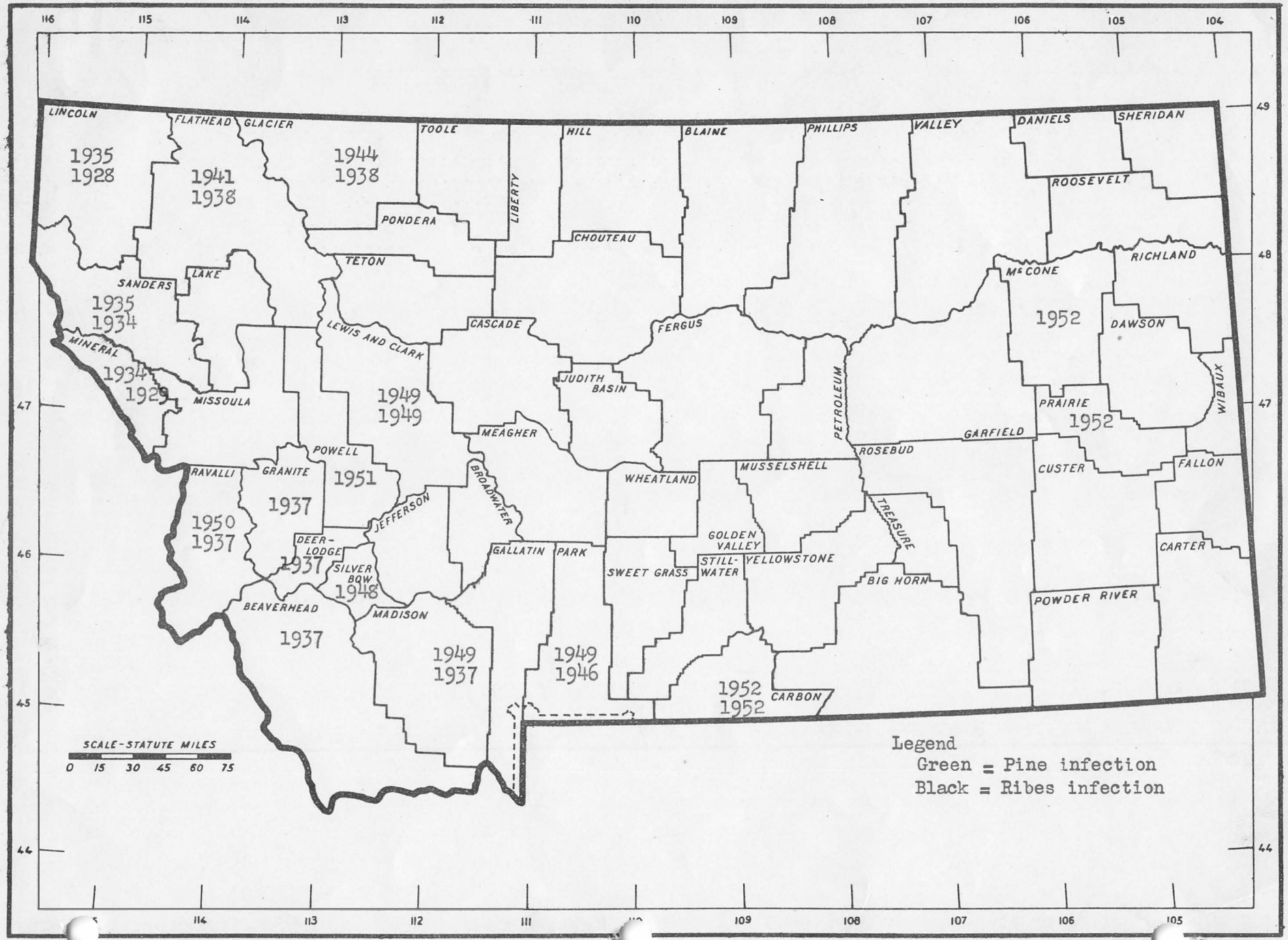
WHITE PINE

IDAHO

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Probable Year Origin	Remarks
L						
Madison						
Minidoka						
Nez Perce						
Oneida						
Owyhee						
Payette						
Power						
Shoshone	M.Fk.St.Maries Riv., T42N, R2E, secs. 3,10	P. mont.	1929	Joy	1923	Two other pine infections found same year.
Teton						
Twin Falls						
Valley						
Washington						

MONTANA, 1933



U.S. DEPARTMENT OF AGRICULTURE

BUREAU OF AGRICULTURAL ECONOMICS

HISTORICAL DATA ON DISCOVERY OF BLISTER RUST
IN THE UNITED STATES

Name of State Montana

First discovered on Pinus monticola (1)
on Big Creek
at near Haugan in Mineral County in T.29N., R.33W., S.29
by C. C. Strong of U. S. Bureau of Plant Industry on June 24, 1934
(U.S. Bur. or State office)

Specimen # _____ filed at _____
(Museum or University Herbarium)
(1),(2) (3) (see over)

First discovered on Ribes inerme at Payne Creek
100 yards from Bull Lake
at North of Noxon in Lincoln County on Sept. 28, 1928
H. N. Putnam
by C. H. Johnson of U. S. Bureau of Plant Industry
(U.S. Bur. or State office)

Specimen # _____ filed at _____
(Museum or University Herbarium)

Probable year of oldest pine infection
in State 1927, in Mineral County
discovered June 24 1934 by C. C. Strong
(Month) (Day) (Year)

Citation of first discovery of rust on pine or Ribes,
(Name of author, bulletin, paper, or book with volume, number and page, and date). (1) Joy, E. L., History of Blister Rust Infections in the West. Typed Mss. July 30, 1935 in Washington office.

(2) Annual Report for 1928, Blister Rust Control Work in the Far West, page 23.

Data by E. L. Joy

Date 7/30/35

(3) Putnam, H. N., Spread and Development of White Pine Blister Rust in the Inland Empire, Northwest Science, Vol. 5, page 53-58, Sept., 1931.

RIBES

MONTANA

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
BEAVERHEAD	Trapper Cr., T2S, R10W, sec.21	R.petiolare	1937	Joy, Polly	
BIG HORN					
BLAINE					
BROADWATER					
CARBON	Rock Cr., T8S, R20E, sec.3	R. setosum	1952	Gynn, Chapman	Near Redlodge, Mont.
CARTER					
CASCADE					
CHOUTEAU					
CUSTER					
DANIELS					
DAWSON					
DEER LODGE	Pintler Cr., T2N, R15W, sec.3	R. petiolare	1937	Joy, Sewell	
FALLON					
FERGUS					
FLATHEAD	Coal Cr., T31N, R17W, sec.26	R. inerme	1938	Swanson, Riley	Glacier National Park, Mont.
GALLATIN					
GARFIELD					
GLACIER	Rose Cr., T34N, R15W, sec.14	R. viscosissimum	1938	Swanson.Riley	St. Mary Lake, Glacier Nat'l Park
GOLDEN VALLEY					
GRANITE	Rock Cr., T6N, R16W, sec.29	R. petiolare	1937	MacLeod	Near Deerlodge, Mont.
HILL					
JEFFERSON					
JUDITH BASIN					
LAKE					
LEWIS & CLARK	McDonald Pass	R. viscosissimum	1949	Gynn, Chapman	West of Helena, Mont.
LIBERTY					
LINCOLN	Payne Cr., T29N, R33W, sec.29	R. inerme	1928	Putnam, Johnson	Near Clarksfork River
McCONE	Dry Cr., T18N, R45E, sec.14	R. cereum	1952	Gynn, Chapman	Near Brockway, Mont.
MADISON	Bear Cr., T8S, R2E, sec.7	R. petiolare	1937	Joy, Sewell	Near Ennis, Mont.
MEAGHER					
MINERAL	Randolph Cr., T19N, R31W, sec.7	R. petiolare	1929	Putnam, Staat	
MISSOULA					
MUSSELSHELL					

RIBES

MONTANA

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
PARK	Eagle Cr., T9S, R8E, sec.13	R. petiolare	1946	Chapman	Near Gardiner, Mont.
PETROLEUM					
PHILLIPS					
PONDERA					
POWDER RIVER					
POWELL					
PRAIRIE	RedwaterRiv., T15N, R47E, sec. 12	R. setosum	1952	Gynn, Chapman	Near Brockway, Mont.
RAVALLI	Bitterroot Riv., T1S, R19W, sec. 22	R. petiolare	1937	Joy, Sewell	Near Darby, Mont.
RICHLAND					
ROOSEVELT					
ROSEBUD					
SANDERS	Prospect Cr., T21N, R32W, sec. 21	R. inerme	1934	Johnson	Near Clarksfork River
SHERIDAN					
SILVER BOW	Brown Gulch, T4N, R8W, sec.3	R. petiolare	1948	Neal Nelson	Near Butte, Mont.
STILLWATER					
SWEET GRASS					
TETON					
TOOLE					
TREASURE					
VALLEY					
WHEATLAND					
WIBAUX					
YELLOWSTONE					
YELLOWSTONE NAT. PARK					

WHITE PINE

MONTANA

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Probable Year Origin	Remarks
BEAVERHEAD						
BIG HORN						
BLAINE						
BROADWATER						
CARBON	Rock Cr., T8 S, R20E, sec.3	P. flexilis	1952	Gynn, Chapman	1948	Near Redlodge, Mont.
CARTER						
CASCADE						
CHOUTEAU						
CUSTER						
DANIELS						
DAWSON						
DEER LODGE						
FALLON						
FERGUS						
FLATHEAD	McDonald Lake, T33N, R18W, sec. 2	P. monticola	1941	J.Martin, Riley	1937	Glacier National Park, Mont.
GALLATIN						
GARFIELD						
GLACIER	Two Medicine Lake, T32N, R14W, sec.36	P. flexilis	1944	Chapman	1935	10 miles west of East Glacier, Mont.
GOLDENVALLEY						
GRANITE						
HILL						
JEFFERSON						
JUDITH BASIN						
LAKE						
LEWIS &CLARK	McDonald Pass, T9N, R6W, sec.1	P. flexilis	1949	Gynn, Chapman	1947	West of Helena, Mont.
LIBERTY						
LINCOLN	Bull Lake, T29N, R33W, secs. 5, 6, 7	P. monticola	1935	S.Skoglund	1928	20 miles south of Troy, Mont.
McCONE						
MADISON	Bear Cr., T8S, R2E, sec. 7	P. flexilis	1949	Gynn, Chapman	1947	Near Ennis, Mont.
MEAGHER						
MINERAL	Big Cr., T18N, R30W, sec.8	P. monticola	1934	Joy, Abott	1927	Near Haugan, Mont.

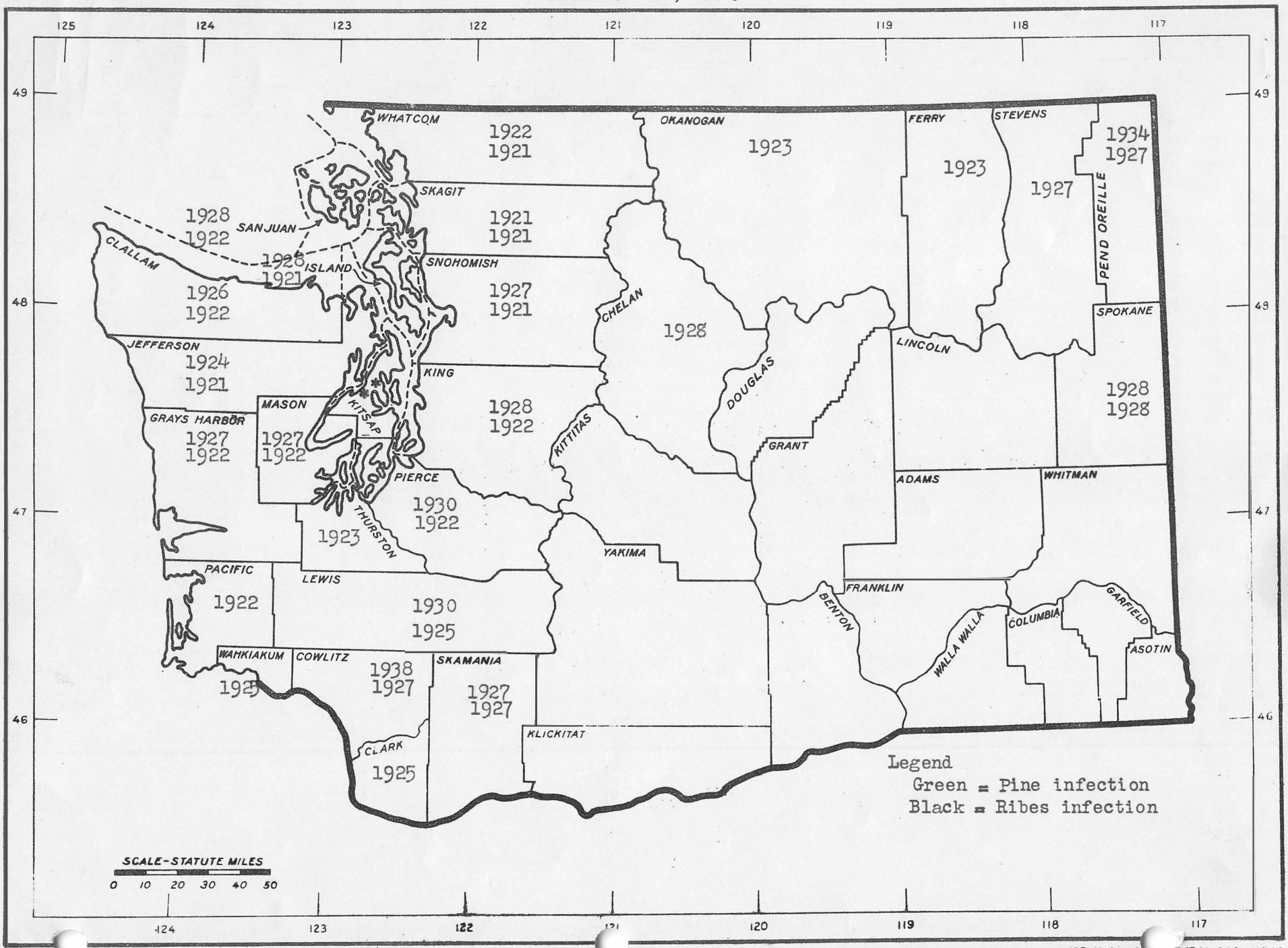
WHITE PINE

MONTANA

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Probable Year Origin	Remarks
MISSOULA						
MUSSELSHELL						
PARK	Sunlight Cr., T8S, R5E, sec. 23	P. flexilis	1949	Gynn, Chapman	1947	Northwest of Gardiner, Mont.
PETROLEUM						
PHILLIPS						
PONDERA						
POWDER RIVER						
POWELL	Upper Blackfoot Riv., T16N, R11W, sec. 18	P. albicaulis	1951	Supervisor Lyman	1941	Near Orando, Mont.
PRAIRIE						
RAVALLI	Bitterroot Riv., T1S, R19W, sec. 32	P. albicaulis	1950	Gynm, Chapman	1947	South of Darby, Mont.
RICHLAND						
ROOSEVELT						
ROSEBUD						
SANDERS	Bull Riv., T28N, R33W, secs. 9, 16	P. monticola	1935	Skoglund	1927	Near Clarks Fork River
SHERIDAN						
SILVER BOW						
STILLWATER						
SWEET GRASS						
TETON						
TOOLE						
TREASURE						
VALLEY						
WHEATLAND						
WIBAUX						
YELLOWSTONE						
YELLOWSTONE NAT. PARK						

WASHINGTON, 1939



U.S. DEPARTMENT OF AGRICULTURE

*1926
*1922

BUREAU OF AGRICULTURAL ECONOMICS

HISTORICAL DATA ON DISCOVERY OF BLISTER RUST
IN THE UNITED STATES

Name of State **Washington**

First discovered on Pinus **monticola or strobus (undetermined)**

at **Mt. Vernon** in **Skagit** County **at Mt. Vernon Nursery**

by **L. N. Goodding H. N. Putnam** of **U. S. Bureau of Entomology & Plant Quarantine** on **Dec. 11, 1921**
(U.S. Bur. or State office)

Specimen # _____ filed at _____
(Museum or University Herbarium)

First discovered on Ribes **nigrum**

at **Beverly Park** in **Snohomish** County

by **E. Bethel and S. N. Wyckoff** of **U. S. Bureau of Plant Industry** on **Dec. 6, 1921**
(U.S. Bur. or State office)

Specimen # _____ filed at _____
(Museum or University Herbarium)

Probable year of oldest pine infection

in State _____, in _____ County

discovered _____ _____ _____ by _____
(Month) (Day) (Year)

_____.

Citation of first discovery of rust on pine or Ribes,
(Name of author, bulletin, paper, or book with volume, number and page, and date). **Joy, E. L., History of Blister Rust Infections in the West. Typed Mss. in Division of Plant Disease Control in Washington.**

Anon. Confidential News Letter Blister Rust Control, March 28, 1922, pg. 8.

Data by **E. L. Joy**

Date **7/30/35**

First discovered on Native Pine (Pinus monticola) at Blaine, in Whatcom County, approximately 1 mile south of Canadian line by W. S. Smith, of U. S. Bureau of Plant Industry on July 11, 1922.

First discovered on Native Ribes (Ribes bracteosum) at Port Ludlow in Jefferson County (T.28N, R.1W, S.1) on Sept. 9, 1922.

RIBES

WASHINGTON

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
ADAMS					
ASOTIN					
BENTON					
CHELAN	Willow Cr., T30N, R16E, sec.35	R. watsonianum	1928	Joy, Putnam	
CLALLAM	Port Angeles, T30N, R6W, secs. 3, 10, 11	R. nigrum	1922	Barton, Simcoe, Lundgreen, Johnson	Domestic plantings
CLARK	?	?	1925	Pierce	Reported by Pierce in a letter to Joy.
COLUMBIA					
COWLITZ	Toutle Riv., T10N, R2E, sec. 8	R. bracteosum	1927	Joy, Taylor, Putnam	
DOUGLAS					
FERRY	?	?	1923	?	Reported in newsletter - reported on R. petiolare 1927
FRANKLIN					
GARFIELD					
GRANT					
GRAYS HARBOR	Hoquiam, T17N, R10W, sec.2	R. nigrum	1922	U.S. Smith	Domestic planting
ISLAND	Oak Harbor	R. nigrum	1921-1922	Putnam	Reported in 1921, but no location or species given.
JEFFERSON	Fairmont, T29N, R1W, sec.20	R. nigrum	1921-1922	Barton, Simcoe, Bowan	Reported in 1921 on R. nigrum, but no location given.
KING	Lake City, Wash.	R. nigrum	1922	Shim, Smith	On 2 domestic plantings.
KITSAP		R. nigrum	1922		Domestic planting. No location given. Reported Port Orchard 1923
KITTITAS					
KLICKITAT					
LEWIS	12 miles west of Chehalis	R. bracteosum	1925	Gooding	
LINCOLN					
MASON	Bellfair, T23N, R1W, sec. 16	R. nigrum	1922	Simcoe, Johnson	Domestic planting
OKANOGAN	Chesaw, T40N, R30E, sec. 21	R. nig.; irriguum	1923	Root, Boch	On 4 domestic plantings
PACIFIC	Osterville, T12N, R11W, sec.33	R. nigrum	1922	Simcoe, Hotson	Domestic planting
PEND OREILLE	Usk, T32N, R43E, sec.5	R. visc.	1927	MacLeod	
PIERCE	?	R. bracteosum	1922		No location given
SAN JUAN	Squaw Bay	R. nigrum	1922	Walker	Start Place
SKAGIT	Mt. Vernon, T34N, R3E, sec.3	R. nigrum	1921-1922	Moreland, Smith	Reported 1921 on R. nigrum. No location given. Domestic planting. Nursery
SKAMANIA	Spirit Lake, T9N, R5E, sec.18	R. brac.; lax.; lac.	1927	Joy, Taylor, Putnam	Putnam & Gooding 12/11/21

RIBES

WASHINGTON

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
SNOHOMISH	Arlington, T31N, R5E, sec. 16	R. nigrum	1921-1922	?	Reported 1921 on R. nigrum. No location Beverly Park. 12/6/24 - E. Rethel + Hykoff.
SPOKANE	Newman Lake, T26N, R45E., sec.5	R. iner.; lac.	1928	MacLeod, Putnam	
STEVENS	Mill Cr., T36N, R39E., sec.25	R. petiolare	1927	Scouting crew	
THURSTON	Yelm	R. nigrum	1923	?	Domestic planting
WAHKIAKUM	?		1925	?	No location or species.
WALLA WALLA					
WHATCOM	Demming	R. nigrum	1921-1922	Lackey, Hess	Domestic planting. Reported 1921 on R. nigrum. No location given.
WHITMAN					
YAKIMA					

WHITE PINE

WASHINGTON

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Probable Year Infec.	Remarks
ADAMS						
ASOTIN						
BENTON						
CHELAN						
CLALLAM	Eden Valley, T30N, R7W, sec. 6	P. mont.	1926	Gooding	1923	
CLARK						
COLUMBIA						
COWLITZ	Toutle Riv., T10N, R2E, sec.8	P. mont.	1938	Cowling, Joy	1927	
DOUGLAS						
FERRY						
FRANKLIN						
GARFIELD						
GRANT						
GRAYS HARBOR	Elma, T18N, R6W, sec. 34	P. mont.	1927	Harmbrook, Hawley	1923	
ISLAND	Oak Harbor, T33N, R1E, sec.11	P. mont.	1928	Putnam, Spaeth	1922	
JEFFERSON	Turner Cr., T26N, R2W, sec.23	P. mont.	1924	?	1920	
KING	Tye Riv., T26N, R13E, sec.29	P. mont.	1928	Putnam, Joy	1926	
KITSAP	Chico, T25N, R1E, sec.32	P. mont.	1926	Gooding, Felch	1918	
KITTITAS						
KLICKITAT						
LEWIS	Big Cr., Rainier NP, T14N, R7E, sec. 6	P. mont.	1930	Riley	1927	
LINCOLN						
MASON	Skokomish Ind. Reservation, T21N, R4W, sec. 10	P. mont.	1927	Hornbrook, Hawley	1923	
OKANOGAN						
PACIFIC						
PEND OREILLE	Tunnel Cr., T35N, R45E, sec.36	P. mont.	1934	Cupp	1927	
PIERCE	Fisher, Rainier NP, T15N, R7E, secs. 26, 27	P. mont.	1930	Riley	1921	
SAN JUAN	?		1928	Pierce	?	No scouting record in files.
SKAGIT	Mt. Vernon, T34N, R4E, sec.20	P. mont.	1921	Gooding, Putnam	1918	Nursery

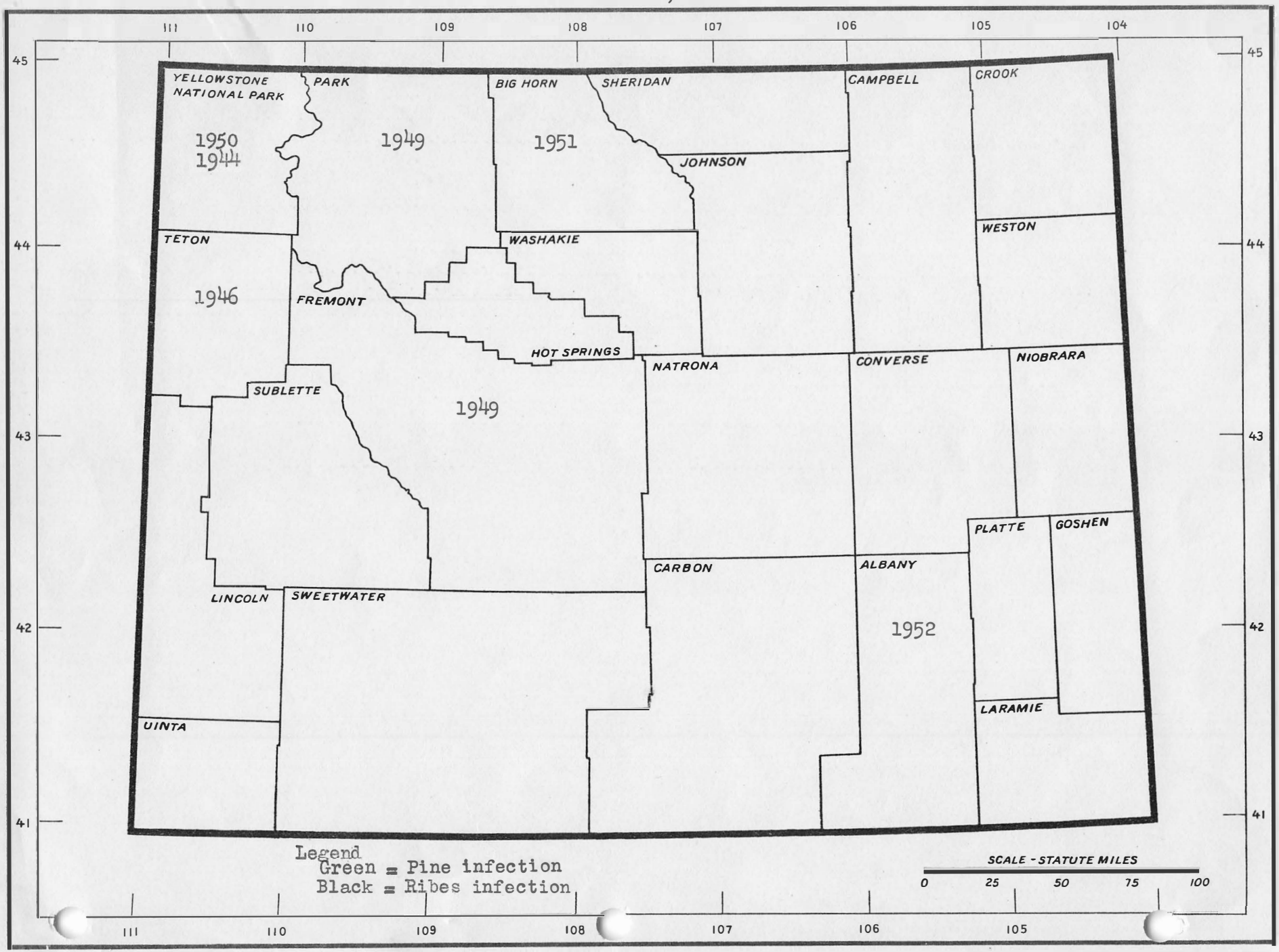
WHITE PINE

WASHINGTON

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Probable Year Infec.	Remarks
SKAMANIA	Spirit Lake, T9N,R5E,sec.18	R. mont.	1927	Joy,Taylor, Putnam	1924	Long Mountain Plantation
SNOHOMISH	Martin Cr.,T30N,R9E,sec.14	P. mont.	1927	Putnam,McLeod Swanson	1918	
SPOKANE	Newman Lake, T26N,R45E,sec.5	P. mont.	1928	McLeod,Putnam	1923	
STEVENS THURSTON WAHKIAKUM WALLA WALLA WHATCOM	Blaine, T40N,R1E,sec. ?	P. mont.	1922	Smith	1917	
WHITMAN YAKIMA						

WYOMING, 1939



U.S. DEPARTMENT OF AGRICULTURE

BUREAU OF AGRICULTURAL ECONOMICS

RIBES

WYOMING

FIRST REPORT OF RUST BY COUNTIES

County	Location	Species	Year	By	Remarks
ALBANY	Mid.Crow Cr.,T15N,R72W, sec. 35	R. setosum	1952	Gynn,Chapman	10 miles east of Laramie, Wyo.
BIG HORN	Shell Cr.,T53N,R90W,sec.11	R. setosum	1951	Gynn, Chapman	40 miles southwest of Sheridan,Wyo.
CAMPBELL CARBON CONVERSE CROOK FREMONT	Popo Aggie Riv.,T32N,R100W, sec. 7	R. petiolare	1949	Gynn,Chapman	10 miles west of Lander, Wyo.
GOSHEN HOT SPRINGS JOHNSON LARAMIE LINCOLN NATRONA NIOBRARA PARK	Muddy Cr.,T57N,R106W,sec.22	R. petiolare	1949	Chapman	Between Cody, Wyo. and Cooke, Mont.
PLATTE SHERIDAN SUBLETTE SWEETWATER TETON	Teton Pass,T41N,R17W,sec.19	R. petiolare	1946	Chapman	11 miles west of Jackson,Wyo.
UINTA WASHAKIE WESTON YELLOWSTONE NAT.PARK	Clematis Gulch, T10S,R8E, sec. 15	R. petiolare	1944	M.C.Riley	Vicinity of Mammoth Hot Springs area.